

### EAST Search History

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
S1	1	10/533108.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 09:44
S2	13	((brush\$4 brushes abrasive\$3) with (conveyor belt belts convey\$4)) and Mink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 08:12
S3	8	("1431770"   "2974631"   "3139975"   "3957155"   "5533609").PN. OR ("5878866").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 09:45
S4	301	15/88.2.ctcs.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 15:02
S5	45	S4 and abrasive	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 10:10
S6	256	S4 not S5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 10:12
S7	1227	((abrasive grind\$4 polish\$4) with (brush\$4 or bristle or bristles)) same (conveyor or belt or conveyors or belts)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 10:21
S8	522	((abrasive grind\$4 polish\$4) with (brush\$4 or bristle or bristles)) with (conveyor or belt or conveyors or belts)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 10:44
S9	6	("1961911"   "2682735"   "2746598").PN. OR ("3885356").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 10:33
S10	1	10/525041.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 10:33
S11	0	("2005/0255799").URPN.	USPAT	OR	OFF	2006/07/20 10:34
S12	0	("2005/0164614").URPN.	USPAT	OR	OFF	2006/07/20 10:39
S13	268	((abrasive grind\$4) with (brush\$4 or bristle or bristles)) with (conveyor or belt or conveyors or belts)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 11:22

### EAST Search History

S14	62	((abrasive grind\$4) adj2 (brush\$4 or bristle or bristles)) with (conveyor or belt or conveyors or belts)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 11:37
S15	303	((abrasive grind\$4 wire) adj2 (brush\$4 or bristle or bristles)) with (conveyor or belt or conveyors or belts)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 11:23
S16	34	((abrasive grind\$4) adj2 (brush\$4 or bristle or bristles)) near3 (conveyor or belt or conveyors or belts)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 11:37
S17	107	((abrasive grind\$4 wire) adj2 (brush\$4 or bristle or bristles)) near3 (conveyor or belt or conveyors or belts)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 11:37
S18	73	S17 not S16	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 11:38
S19	13	("0755937"   "2225200"   "2247440"   "2929285"   "3050765"   "3307213").PN. OR ("37209737").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 13:40
S20	5	("735937").URPN.	USPAT	OR	OFF	2006/07/20 13:42
S21	30	("0709562"   "075937"   "176784"   "1970032"   "1999817"   "2207330"   "2539432"   "2555193"   "3097382"   "3155102"   "3296641"   "3480056"   "4111111"   "4321864"   "4534284"   "4764387"   "4773322").PN. OR ("5634397").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 13:49
S22	3	("2207330").URPN.	USPAT	OR	OFF	2006/07/20 13:52
S23	3	("2989764").URPN.	USPAT	OR	OFF	2006/07/20 14:50
S24	1351	15/77.ctcs.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 15:40
S25	167	15/80.ctcs.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 17:33
S26	2	("582509").URPN.	USPAT	OR	OFF	2006/07/20 15:16
S27	3	("2207330").URPN.	USPAT	OR	OFF	2006/07/20 15:22
S28	138	S24 and abrasive	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 15:53

## EAST Search History

S29	155	S24 and ((brush\$3 bristles\$3) near3 (belt chain conveyor))	US-PGPUB; USOCR	OR	OFF	2006/07/20 15:54
S30	167	S24 and ((brush\$3 bristles\$3) near3 (belts\$3 chains\$3 conveyor\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 15:54
S31	4	("2158694"   "3076241"   "3795269"   "3848804").PN. OR ("3983889").URPN.	USPAT	OR	OFF	2006/07/20 16:17
S32	9	("2158694"   "3076241"   "3795269"   "3848804").PN. OR ("3983889").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 16:19
S33	2	("2958882").URPN.	USPAT	OR	OFF	2006/07/20 16:32
S34	19	("0709562"   "0793234"   "2724974"   "2838946"   "3026737"   "3129535"   "3252175"   "3540301"   "3686699").PN. OR ("5943725").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 16:36
S35	5	("709562").URPN.	USPAT	OR	OFF	2006/07/20 16:40
S36	46	("v-belt" or ("v adj2 belt")) with (brush brushes bristles bristle)	USPAT	OR	OFF	2006/07/20 17:07
S37	3	(triple adj2 ("v-belt" or ("v adj2 belt")))	USPAT	OR	OFF	2006/07/20 17:10
S38	7	(bristle bristles) with (shot shoo)	USPAT	OR	OFF	2006/07/20 17:19
S39	1	(polyamide adj brush) same (okid\$4)	USPAT	OR	OFF	2006/07/20 17:20
S40	58	15/22.3.ctcs.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 17:41
S41	2071	Brush\$3 same (bristles with angles\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 17:42
S42	34	Brush\$3 same (bristles with angles\$4 with "45" with degrees)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 17:46
S43	146	Brush\$3 same (bristles with angles\$4 with degrees)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 17:47
S44	591	451/183,184.ctcs.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 09:21
S45	230	S44 and (belts\$2 bands\$2 chains\$2 links\$2 linkages\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 17:49

## EAST Search History

S46	66	S44 and (brush\$4 bristles\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 17:49
S47	443	("15".class) and (support near2 bristles)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 09:03
S48	183	("15".class) and (support adj bristles)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 09:08
S49	268	("15".class) and ("supporting bristles") or ("support bristles") or ("supported by") near3 (bristles\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 09:10
S50	268	("15".class) and ("supporting bristles") or ("support bristles") or ("supported by") adj3 (bristles\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 09:10
S51	4	("2158694").URPN.	USPAT	OR	OFF	2006/07/21 09:24
S52	3	("2989764").URPN.	USPAT	OR	OFF	2006/07/21 09:34
S53	2	(belt adj brush\$3) with upright	USPAT	OR	OFF	2006/07/21 09:34
S54	3	((chain belt) adj (bristles\$2 brush\$3)) with upright	USPAT	OR	OFF	2006/07/21 10:52
S55	9	((chain belt) adj (bristles\$2 brush\$3)) with (horizontal\$3))	USPAT	OR	OFF	2006/07/21 09:38
S56	0	((chain belt) adj (bristles\$2 brush\$3)) with (horizontal\$3))	USPAT	OR	OFF	2006/07/21 09:38
S57	3	((chain belt) adj (bristles\$2 brush\$3)).ti.) and (upright vertical\$3)	USPAT	OR	OFF	2006/07/21 09:38
S58	125484	support\$4 with (roller\$4 and plate\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 09:44
S59	398	conveyor and (support\$4 with roller\$4 and (plate\$4 platform))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 09:45

### EAST Search History

S60	4	conveyor and (support\$4 with (roller\$4 and (plate\$4 platform))) and (metal adj sheet\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 09:45
S61	19	("0709562"   "0793234"   "2724974"   "2838946"   "3026737"   "3129535"   "3252175"   "3540301"   "3686699").PN. OR ("5943725").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 10:12
S62	0	("2004/0058629").URPN.	USPAT	OR	OFF	2006/07/21 10:20
S63	1	"6352471".pn.	USPAT	OR	OFF	2006/07/21 10:21
S64	1	"5679067".pn.	USPAT	OR	OFF	2006/07/21 10:21
S65	38	(US-20050164614-\$ or US-20040058629-\$ or US-20030140942-\$ or US-20050005374-\$).did. or (US-1431770-\$ or US-3139975-\$ or US-3561032-\$ or US-3885356-\$ or US-3720973-\$ or US-3307213-\$ or US-5634397-\$ or US-5237716-\$ or US-5901400-\$ or US-5575704-\$ or US-5460191-\$ or US-1336349-\$ or US-2236816-\$ or US-1316355-\$ or US-0582509-\$ or US-2207330-\$ or US-3983889-\$ or US-5943725-\$ or US-2724974-\$ or US-4468210-\$ or US-5679067-\$).did. or (US-2720061-\$ or US-1882270-\$ or US-2271537-\$ or US-1970032-\$ or US-3400449-\$ or US-2474063-\$ or US-2989764-\$ or US-2158694-\$ or US-2973533-\$ or US-2958882-\$ or US-2312186-\$ or US-2324461-\$ or US-1740247-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 10:51
S66	1	S65 and polyurethane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 10:52
S67	34	((chain belt) adj (bristle\$2 brush\$3)) and polyurethane	USPAT	OR	OFF	2006/07/21 11:41
S68	199	"15".class. and stripper	USPAT	OR	OFF	2006/07/21 11:41
S69	610	((brush\$4 brushes abrasive\$3) with (conveyor belt belts convey\$4)) and stripper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 11:42

### EAST Search History

S70	37	("15".class. and ((brush\$4 brushes abrasive\$3) with (conveyor belt belts convey\$4)) and stripper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 11:42
S71	2	("2958882").URPN.	USPAT	OR	OFF	2006/07/21 15:20
S72	82	((brush\$4 brushes abrasive\$3) with (conveyor belt belts convey\$4)) and (descaler descaling "de-scale" "de-scaling")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 08:34
S73	4	((brush\$4 adj belt\$3) or (bristle adj belt\$3) or (Chain adj brush\$4) and (descaler descaling "de-scale" "de-scaling")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 08:43
S74	8	((brush\$4 adj belt\$3) or (bristle adj belt\$3) or (Chain adj brush\$4) and (gripping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 08:44
S75	2	"4595464".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 08:55
S76	1	10/533108.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 08:56
S77	268	451/190.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 09:32
S78	299	451/302.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 09:34
S79	178	451/299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 09:49
S80	17	S78 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 09:32
S81	73	S78 and (plate sheet with metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 09:36

# FAST Search History

S82	20	S78 and (brush\$*)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 09:34
S83	68	451/298.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 09:41
S84	178	S79	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 10:34
S85	2	"0640652".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 10:35
S86	0	peterson-ruben.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 10:35
S87	15186	peterson.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 10:36
S88	327	peterson.in. and "1961"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 10:36
S89	6	peterson.in. and (bekt adj brush)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 12:06
S90	1	"6352471".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 12:06